

FIG. 1

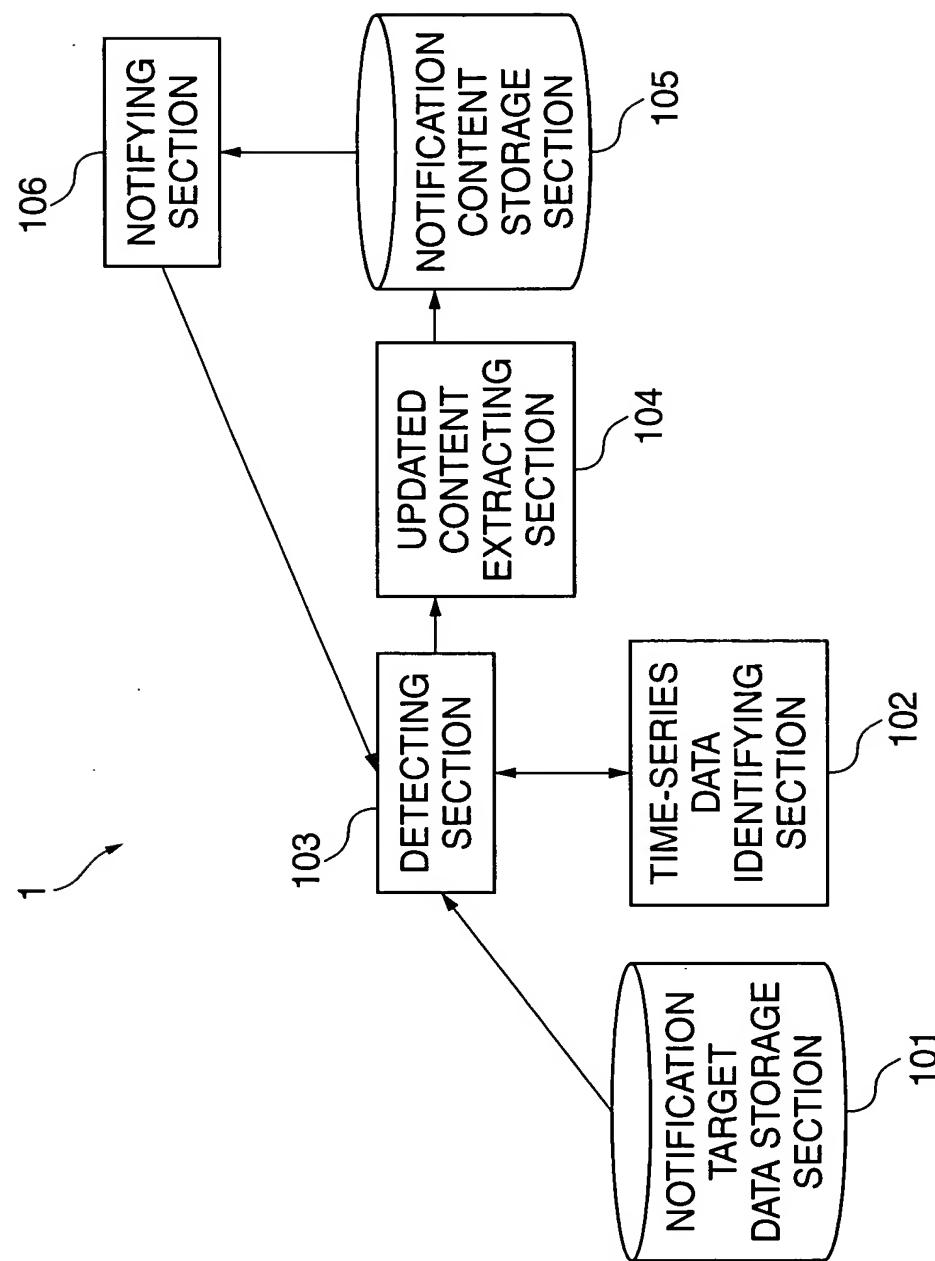
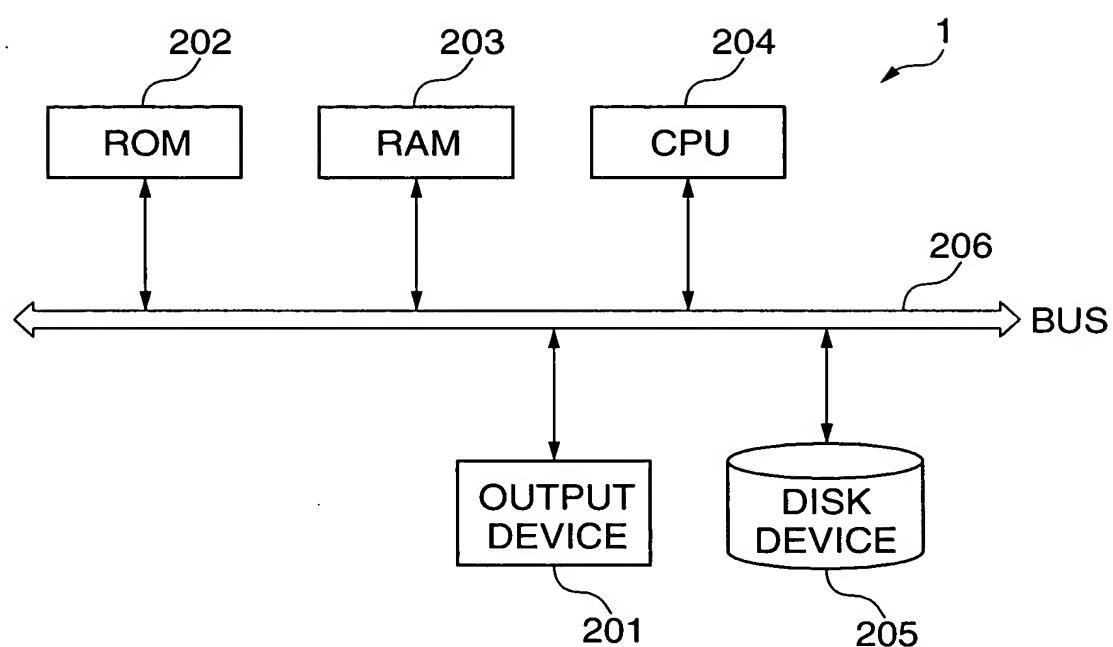


FIG. 2



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FIG. 3

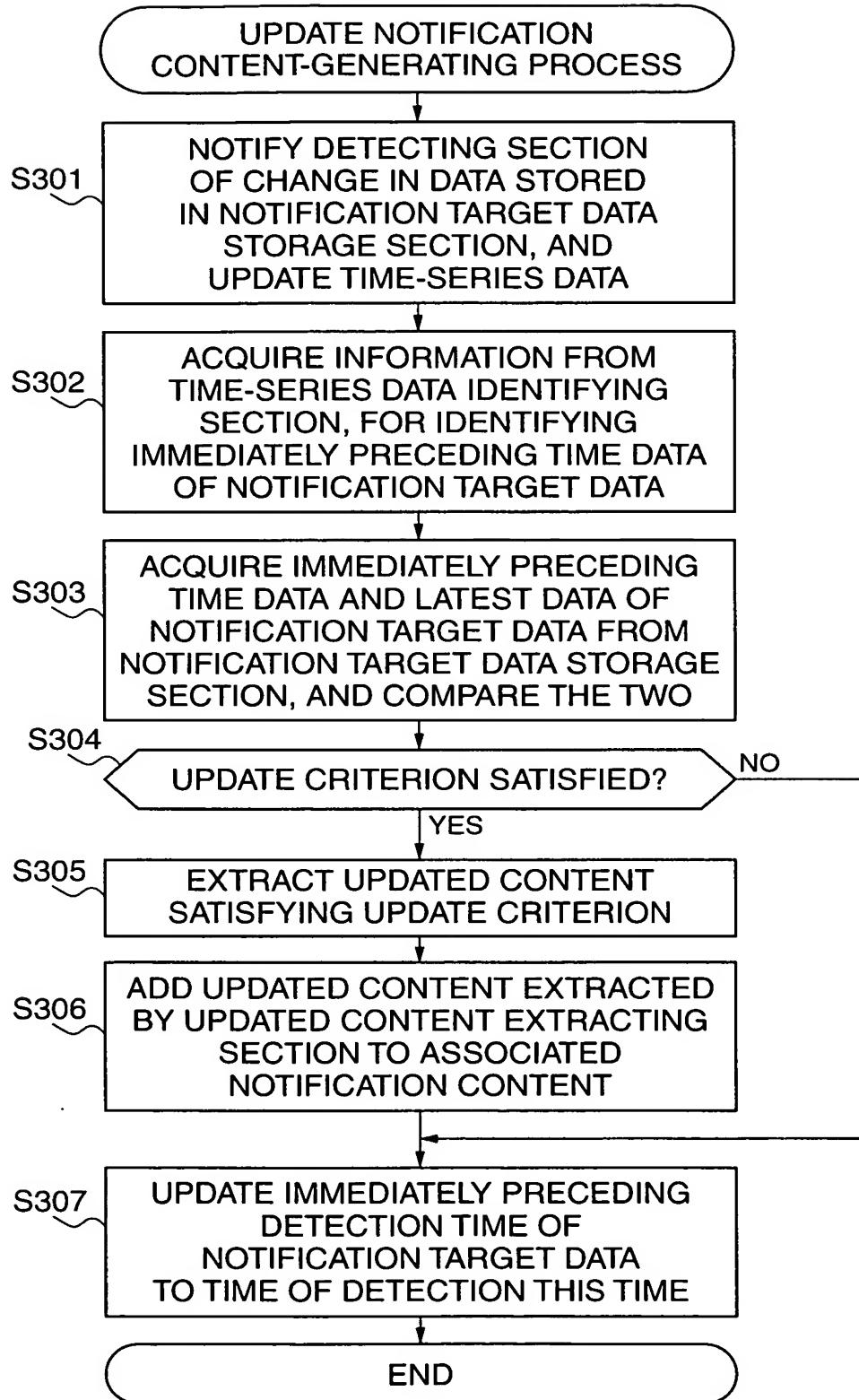
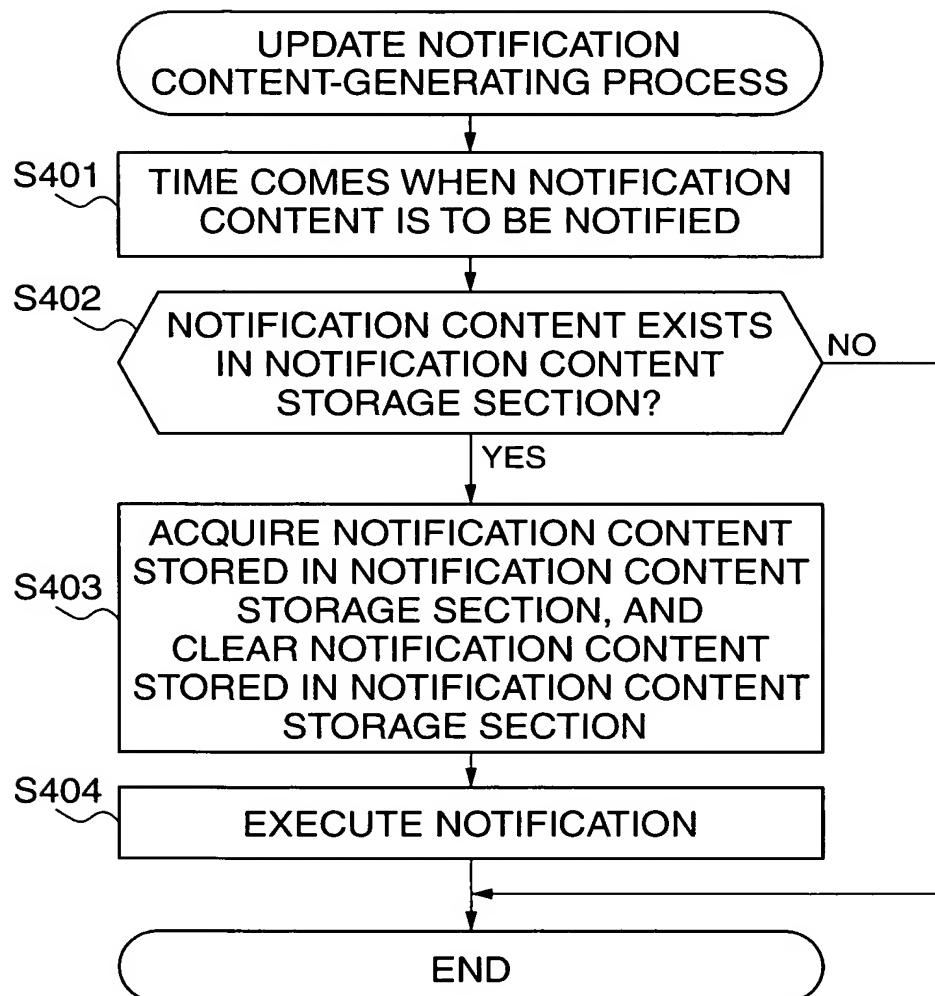


FIG. 4



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FIG. 5

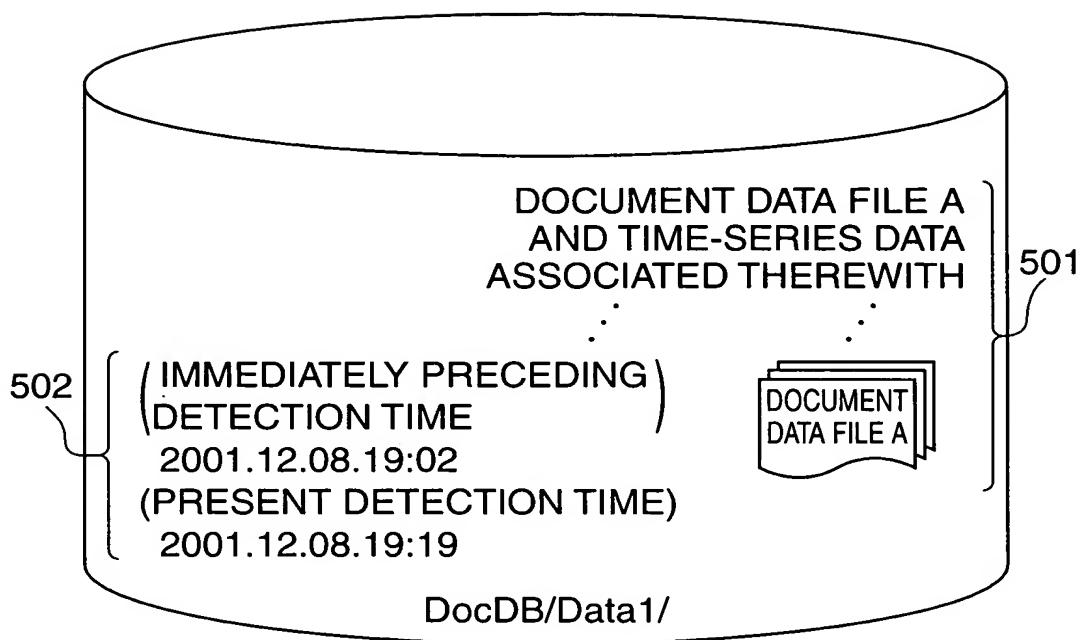


FIG. 6

NOTIFICATION TARGET DATA	IMMEDIATELY PRECEDING DETECTION TIME
DocDB/Data1/DOCUMENT DATA FILE A	2001 12 08 19:02
DocDB/Data1/DOCUMENT DATA FILE B	2001 12 07 20:00
:	:

+

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FIG. 7A 701A

```
<HTML>
  <HEAD>
    <TITLE>
      TODAY'S GAME_FIRST TEAM
      VS. SECOND TEAM
    </TITLE>
  </HEAD>
  <BODY>
    <P>
      FIRST TEAM : SECOND TEAM
      (BEFORE GAME)
    </P>
  </BODY>
</HTML>
```

DOCUMENT DATA A STORED
AT PRECEDING NOTIFYING TIME

FIG. 7B 701B

```
<HTML>
  <HEAD>
    <TITLE>
      TODAY'S GAME_FIRST TEAM
      VS. SECOND TEAM
    </TITLE>
  </HEAD>
  <BODY>
    <P>
      FIRST TEAM : SECOND TEAM
      (FINAL) 10 : 2
    </P>
  </BODY>
</HTML>
```

LATEST DOCUMENT DATA A

FIG. 7C

702 ~ CRITERION: WHETHER OR NOT TEXT PORTION EXCEPT HTML TAGS
HAS BEEN ADDED, UPDATED, OR DELETED?

FIG. 7D

703 ~ 703 UPDATED CONTENT: FIRST TEAM : SECOND TEAM (BEFORE GAME)
→ FIRST TEAM : SECOND TEAM (FINAL) 10 : 2

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FIG. 8A

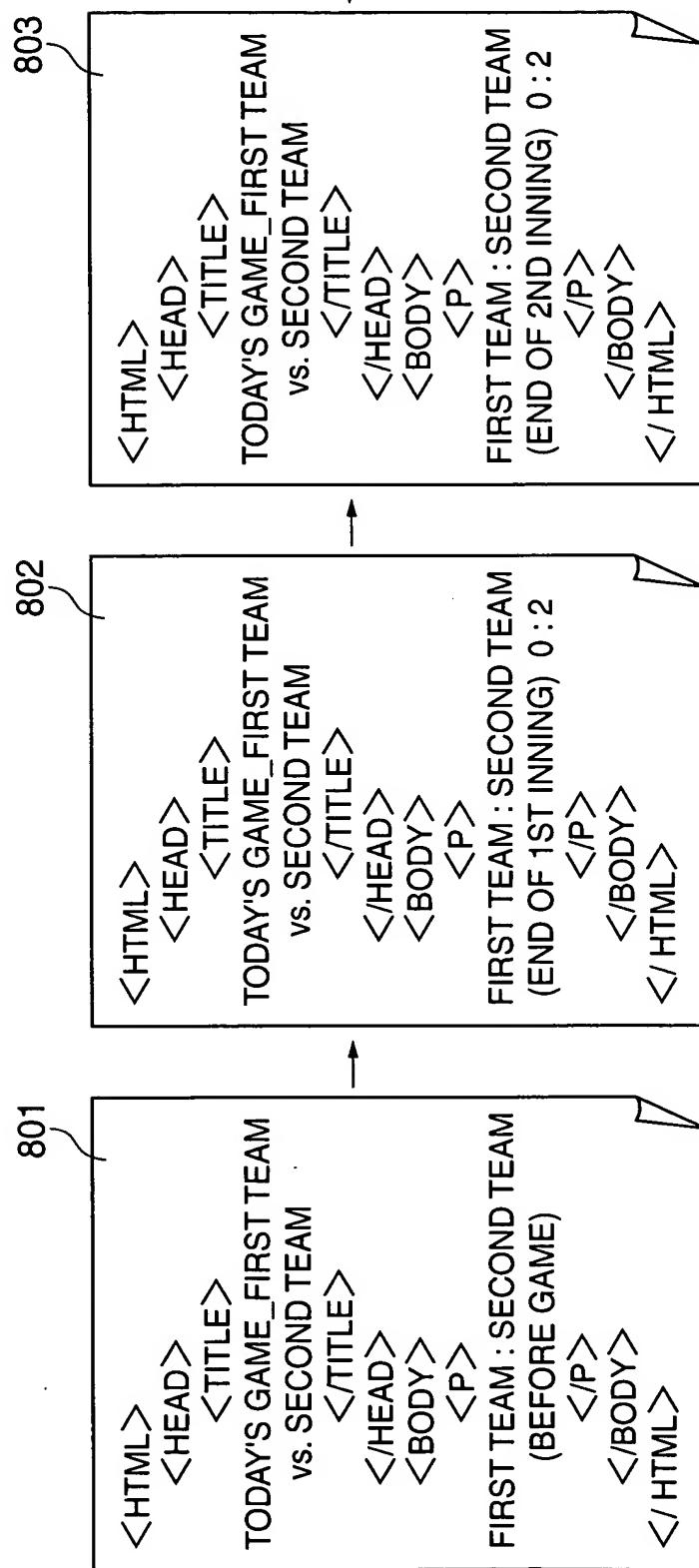
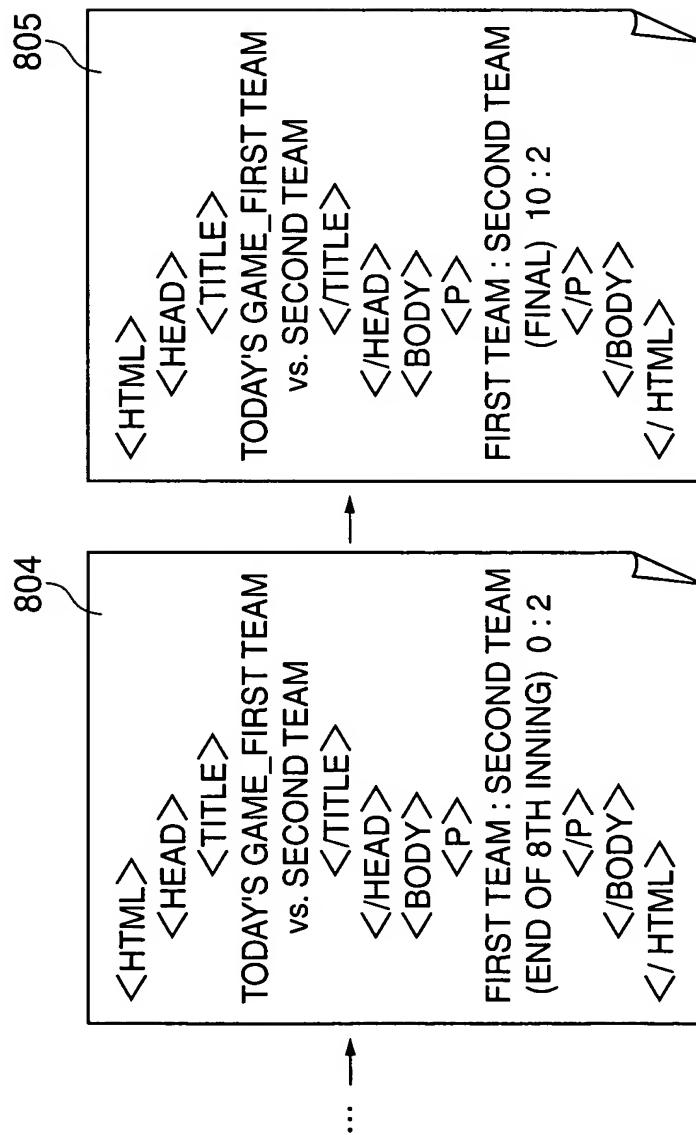


FIG. 8B



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FIG. 9

FIRST TEAM : SECOND TEAM

→ FIRST TEAM : SECOND TEAM (END OF 1ST INNING) 0 : 2

FIRST TEAM : SECOND TEAM (END OF 1ST INNING) 0 : 2

→ FIRST TEAM : SECOND TEAM (END OF 2ND INNING) 0 : 2

⋮

FIRST TEAM : SECOND TEAM (END OF 8TH INNING) 0 : 2

→ FIRST TEAM : SECOND TEAM (FINAL) 10 : 2

FIG. 10

FIRST TEAM : SECOND TEAM

→ FIRST TEAM : SECOND TEAM (END OF 1ST INNING) 0 : 2

FIRST TEAM : SECOND TEAM (END OF 1ST INNING) 0 : 2

→ FIRST TEAM : SECOND TEAM (END OF 2ND INNING) 0 : 2

⋮

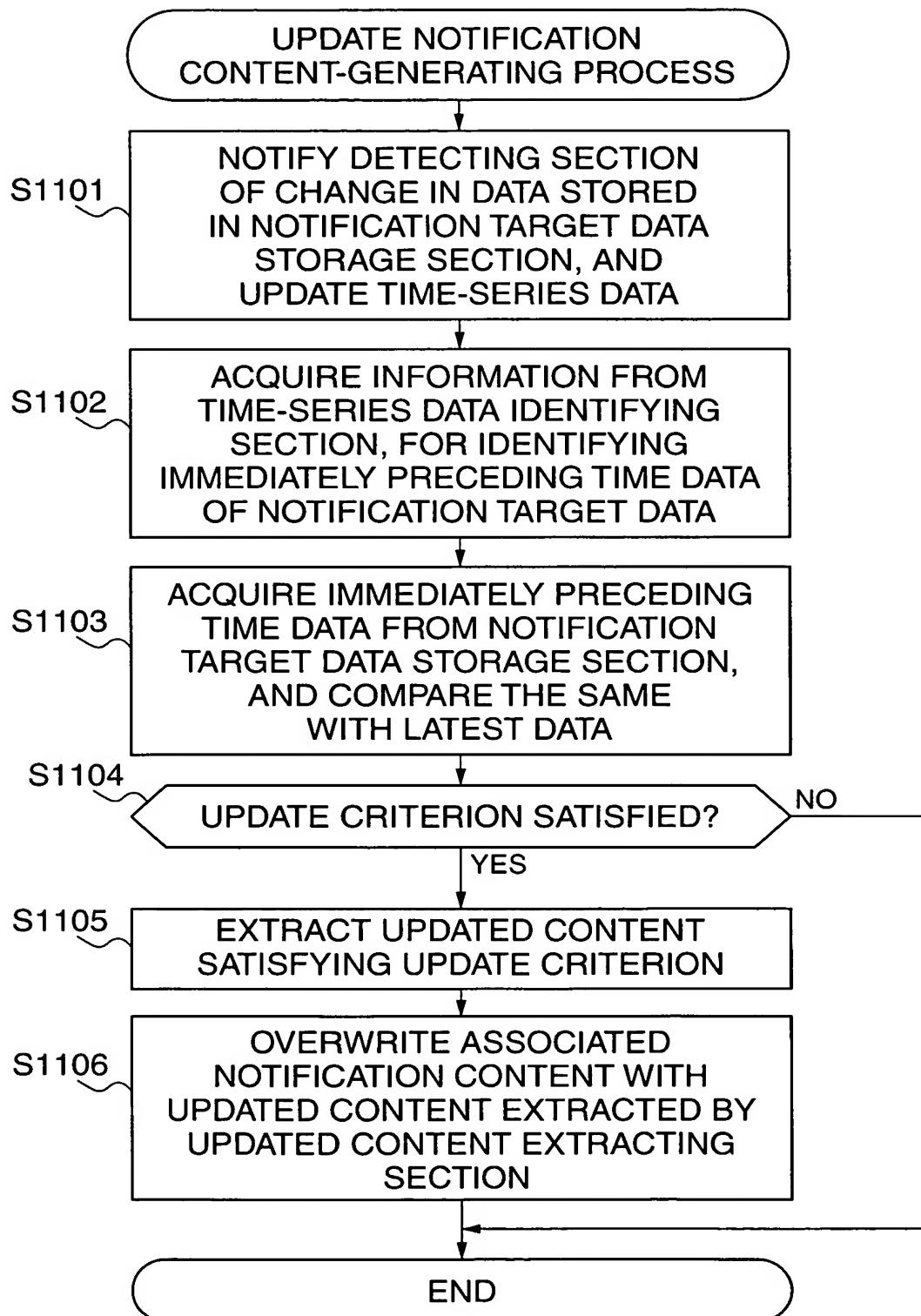
FIRST TEAM : SECOND TEAM (END OF 8TH INNING) 0 : 2

→ FIRST TEAM : SECOND TEAM (FINAL) 10 : 2

+

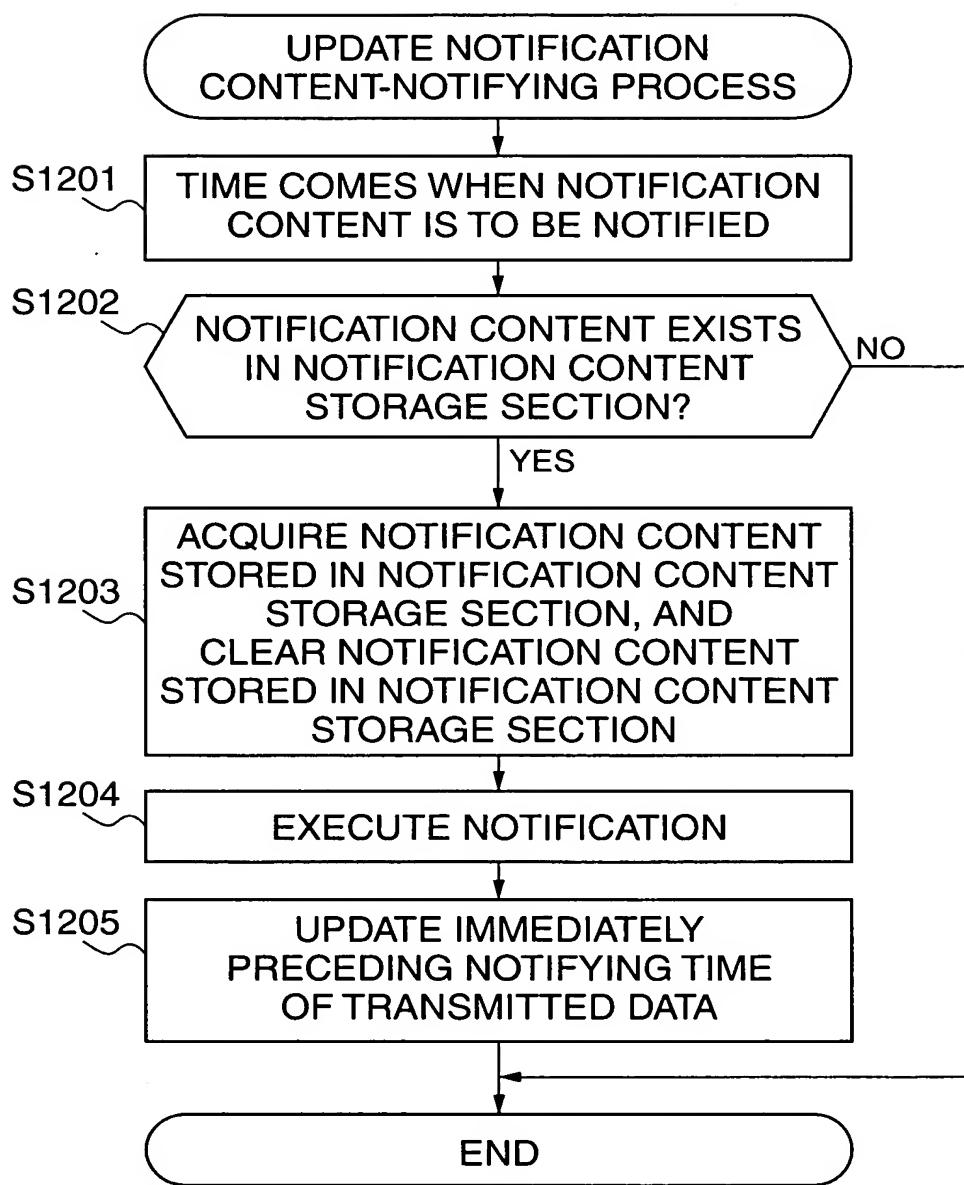
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FIG. 11



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FIG. 12



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FIG. 13

1301

NOTIFICATION TARGET DATA	IMMEDIATELY PRECEDING DETECTION TIME
DocDB/Data1/DOCUMENT DATA FILE A	2001 12 07 19:00
DocDB/Data1/DOCUMENT DATA FILE B	2001 12 07 20:00
⋮	⋮

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FIG. 14

FIRST TEAM : SECOND TEAM (BEFORE GAME)

→ FIRST TEAM : SECOND TEAM (END OF 1ST INNING) 0 : 2

FIRST TEAM : SECOND TEAM (BEFORE GAME)

→ FIRST TEAM : SECOND TEAM (END OF 2ND INNING) 0 : 2

⋮

FIRST TEAM : SECOND TEAM (BEFORE GAME)

→ FIRST TEAM : SECOND TEAM (FINAL) 10 : 2

1401

FIRST TEAM : SECOND TEAM (BEFORE GAME)

→ FIRST TEAM : SECOND TEAM (FINAL) 10 : 2

1402

+

FIG. 15

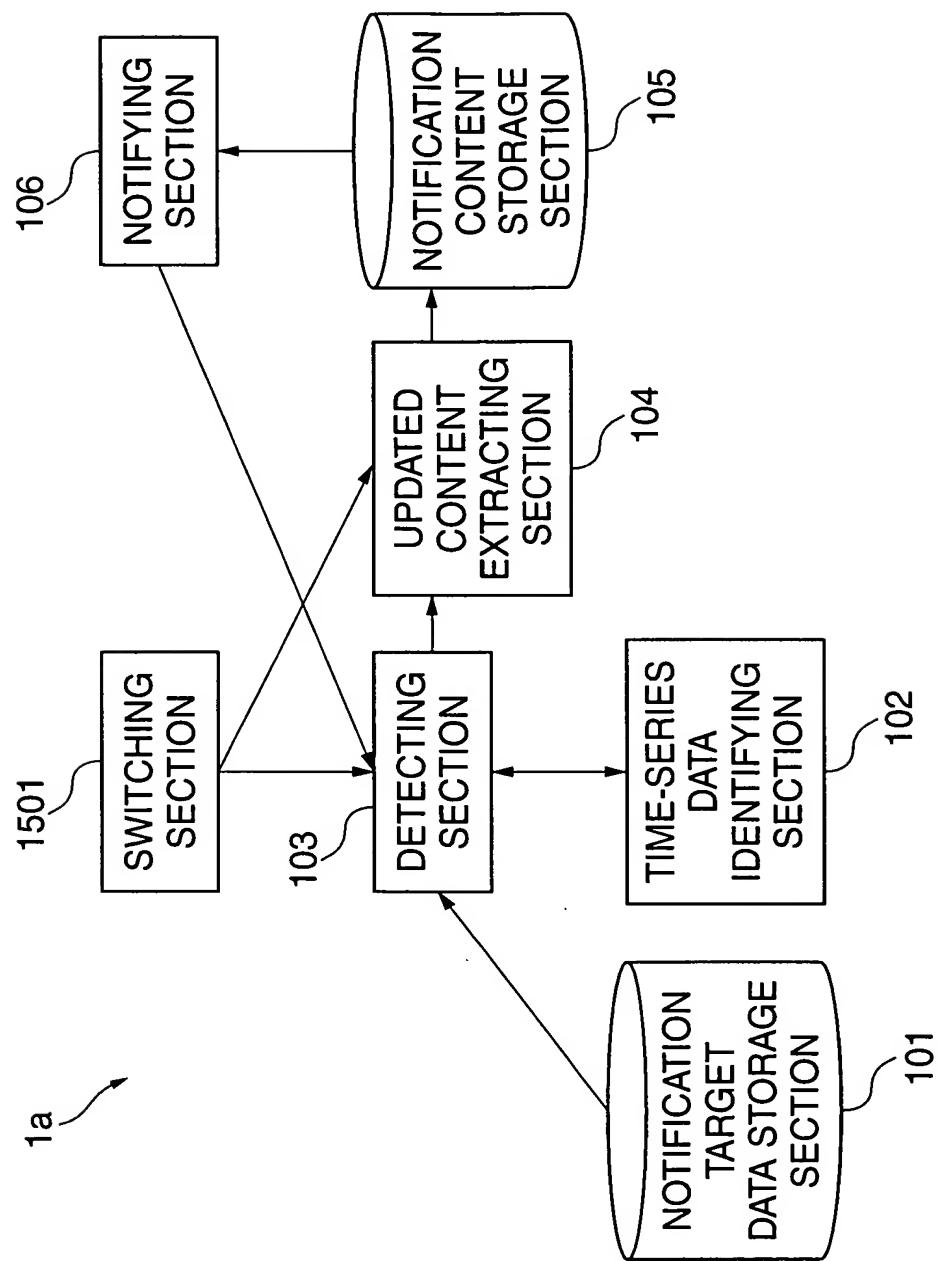


FIG. 16Aa

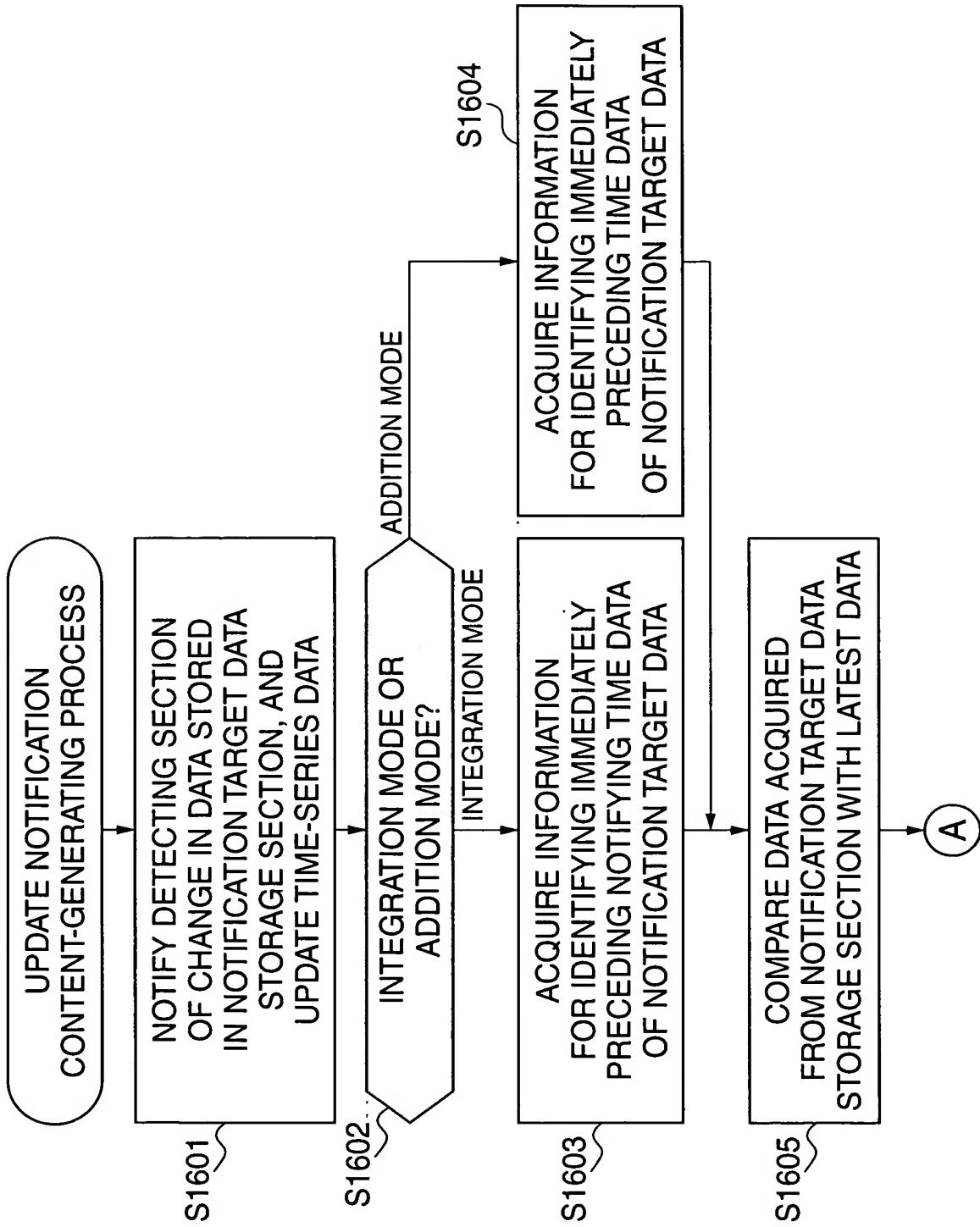


FIG. 16Ab

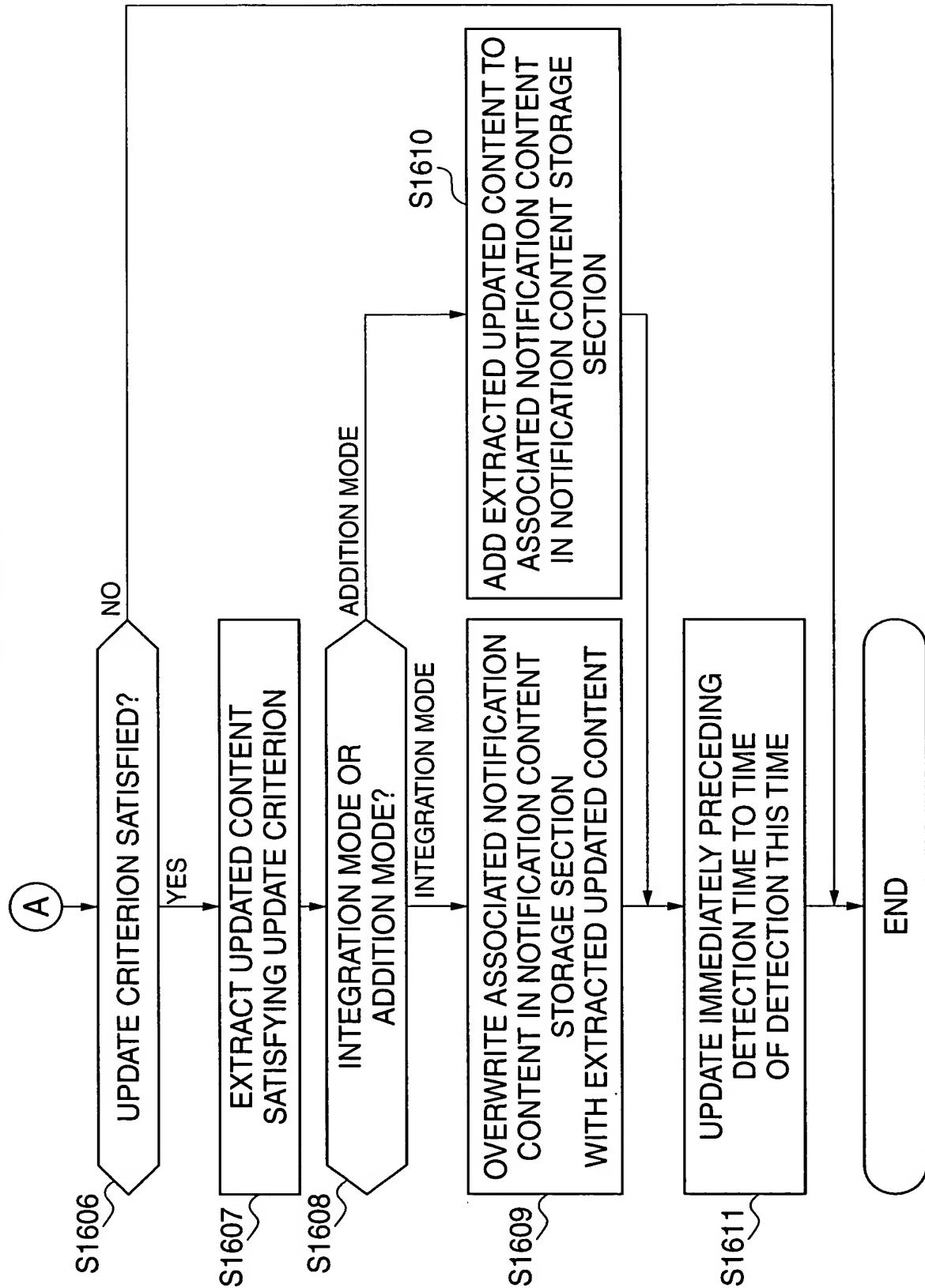
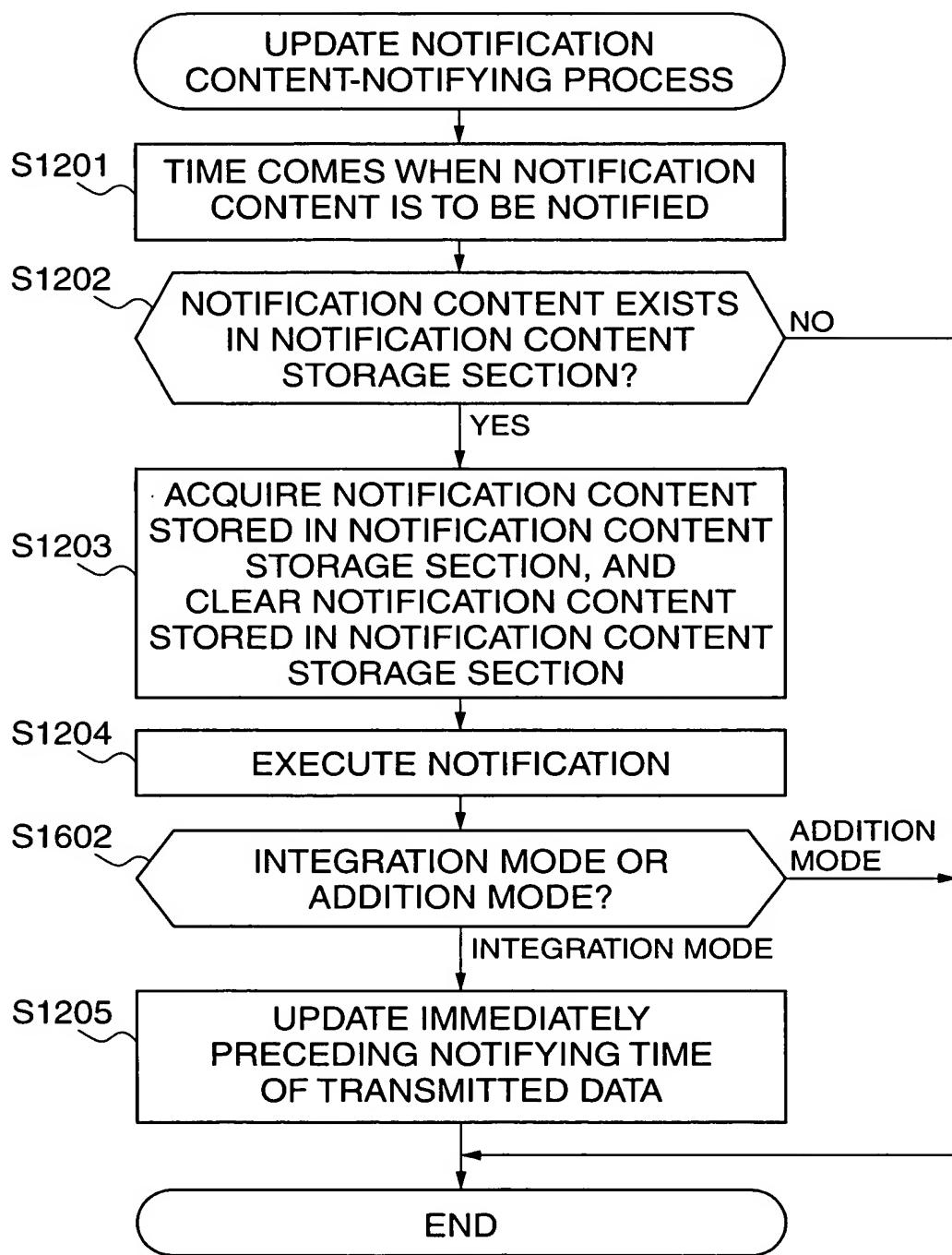


FIG. 16B



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FIG. 17

FIRST TEAM : SECOND TEAM (BEFORE GAME)
→ FIRST TEAM : SECOND TEAM (END OF 1ST INNING) 0 : 2
FIRST TEAM : SECOND TEAM (END OF 1ST INNING) 0 : 2
→ FIRST TEAM : SECOND TEAM (END OF 2ND INNING) 0 : 2
⋮
FIRST TEAM : SECOND TEAM (END OF 8TH INNING) 0 : 2
→ FIRST TEAM : SECOND TEAM (FINAL) 10 : 2

+

FIG. 18

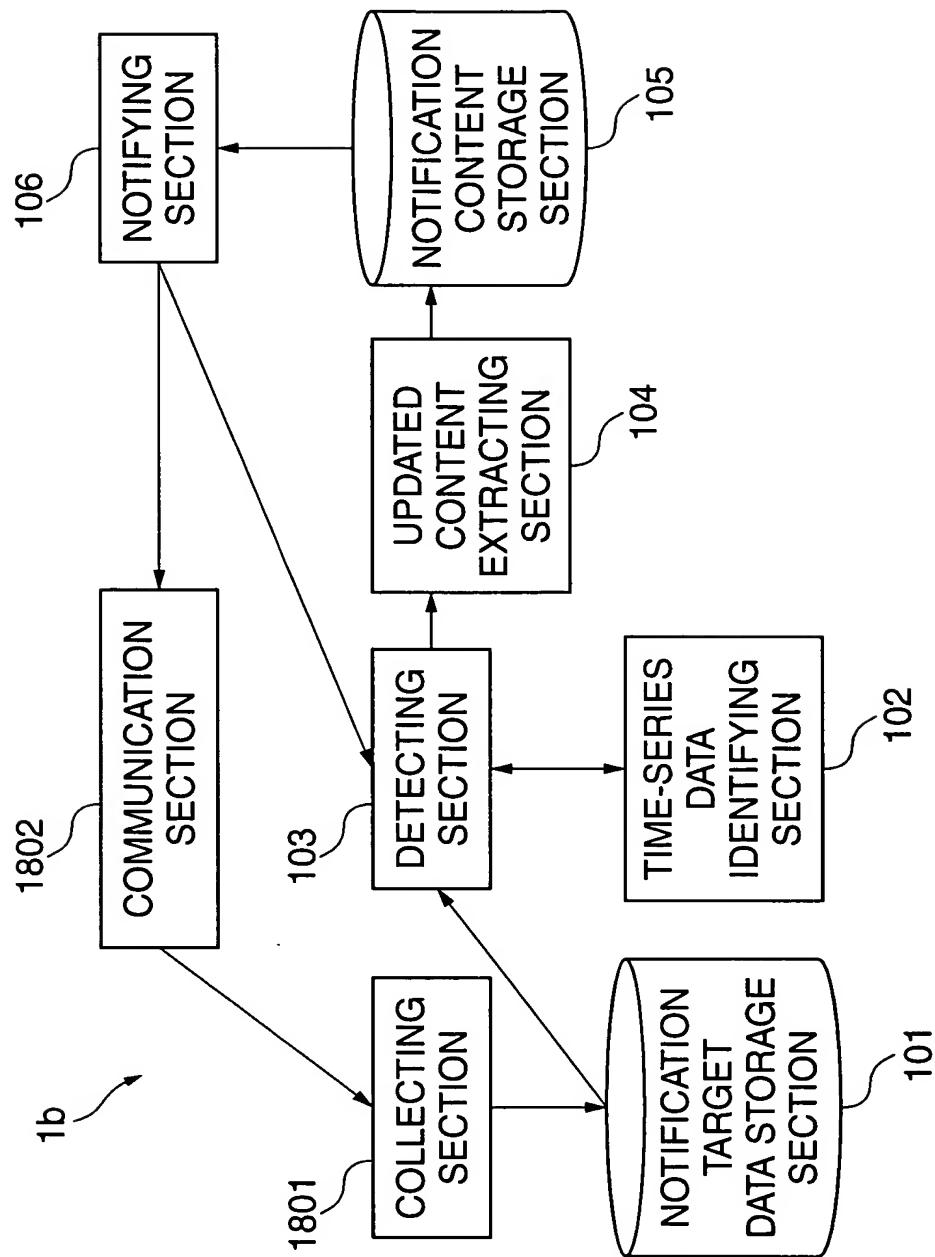


FIG. 19

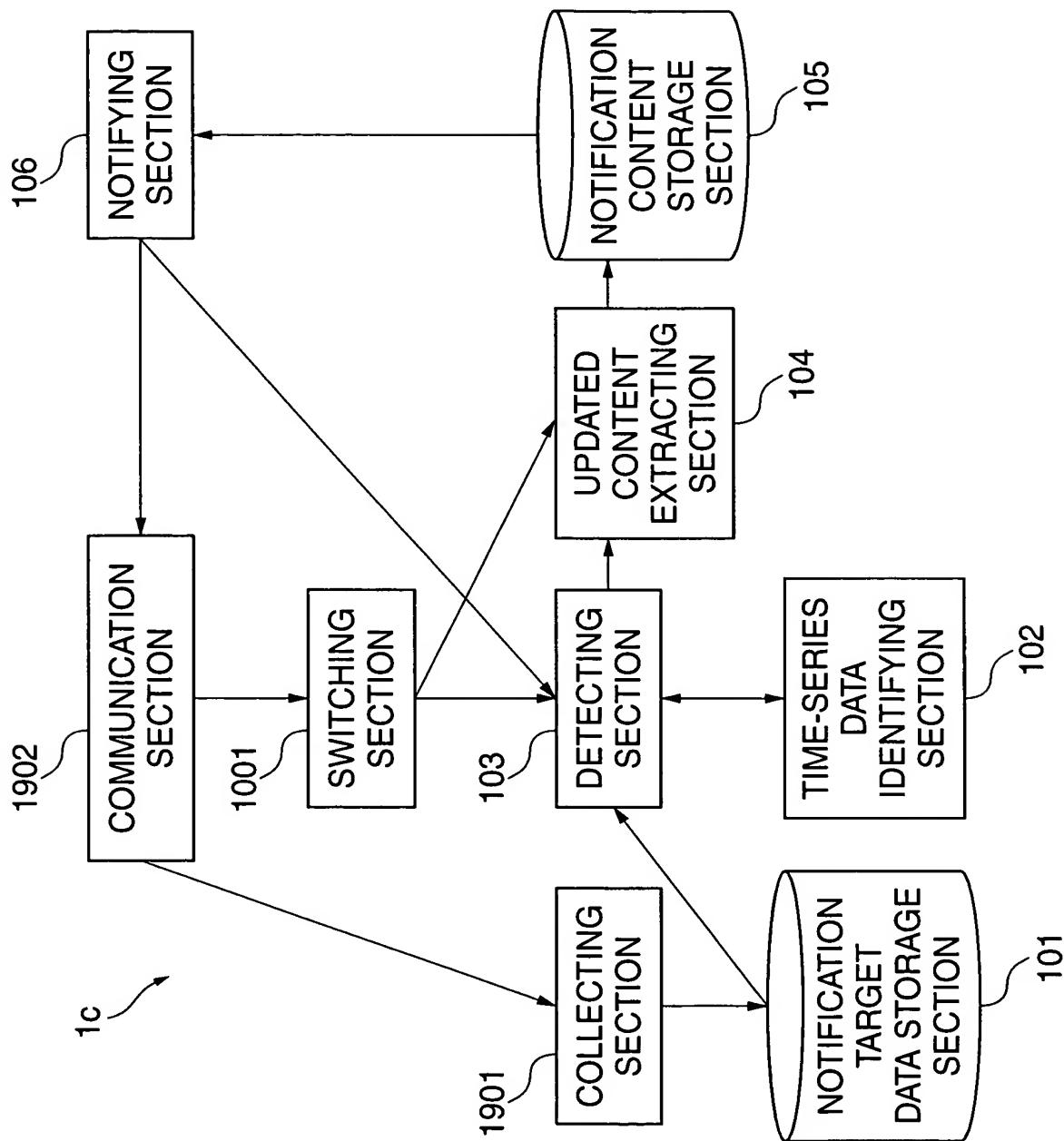


FIG. 20

